

Work Order ID 101121

May 1, 2013 8:22:58 AM

101121

Page 1

Item ID: D3619-2

Accept

N9000040100

Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Grommet

Start Date: 5/01/13 Start Qty: 10.00

10

Cust Item ID:

Required Date: 5/06/13 Req'd Qty: 10.00

10

Customer:

Reference:

Approvals: Process Plan: *CL*

Date: *13/05/01* Tooling:

Date:

Run Start ***NR1***

QC:

Date: SPC (Y/N):

Date:

Stop ***NR2***

| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Tool ID | Tool # | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|

Draw Nbr

Revision Nbr

D3619

Rev A

100

0.00

100

PURCHASING

Purchasing

Memo

0.00

Purchasing

Issue P/O: *19750* Purchase Part Number: 9610K18 Supplier: MC
MASTER CARRCertificate of conformity is required

CL 13/05/01 (10)

110

Receive & Inspect for Damage & Mat'l Certs

0.00

110

Packaging

Memo

0.00

Packaging

Ensure material certification is attached

13/05/08 (10)

120

QC6- Inspect dimensions to drawing

0.00

120

QC

Memo

0.00

Quality Control

1358

10

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101121

Page 2

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Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: Grommet

Stop

NS2

Start Date: 5/01/13

Start Qty: 10.00

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Cust Item ID:

Required Date: 5/06/13

Req'd Qty: 10.00

10

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

130

0.00

130

Packaging

Packaging

Memo

0.00

Packaging

****Remove supplier paperwork from box.***** Identify and
StockLocation: **8-060**

10x

SP

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.00

Quality Control

13/5/13

MF
13-5-13

Picklist Print

May 1, 2013 8:22:57 AM

Page 1

Work Order ID: 101121

Parent Item: D3619-2

Parent Item Name: Grommet

Start Date: 5/01/13

Required Date: 5/06/13

Start Qty: 10.00

Required Qty: 10.00

Comments: IPP Rev:A New Issue 07-04-09 JLM

| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Item | Primary Location | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Qty per Kit | Total Qty | Qty Issued | Date Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
| 9610K18 GROMMET | | Purchased | No | | | 110 | Each | 0.0000 | 1 | 10 | | | |

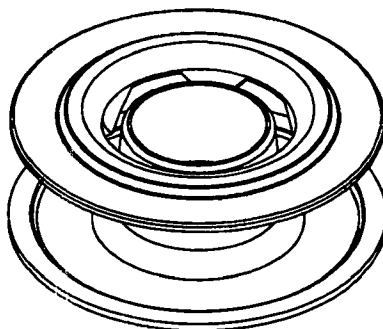
43/0/8 (10)



| | | | |
|-------------------------|--------------------------------|--|------------------------|
| DESIGN <i>LE</i> | DRAWN BY <i>LE</i> | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | |
| CHECKED <i>PH</i> | APPROVED <i>[Signature]</i> | DRAWING NO. D3619 | REV. A SHEET 1 OF 1 |
| DATE 07.03.26 | | TITLE GROMMET SCALE NTS | |
| REV A | DATE 07.03.26 | DESCRIPTION NEW ISSUE | |

SPECIFICATION CONTROL DRAWING

RELEASED
07 04 02 #



CL 13/05/01
W10.10/12

D3619-X GROMMET.
WHERE X REPRESENTS THE GROMMET TRADE SIZE

| DART P/N | TRADE SIZE | DESCRIPTION | HOLE SIZE | MAX. MTL THICKNESS | MCMASTER CARR P/N |
|----------|------------|------------------------|-----------|--------------------|-------------------|
| D3619-0 | 0 | BRASS GROMMET W/ TEETH | 1/4 | 0.110 | 9610K16 |
| D3619-1 | 1 | BRASS GROMMET W/ TEETH | 9/32 | 0.120 | 9610K17 |
| D3619-2 | 2 | BRASS GROMMET W/ TEETH | 3/8 | 0.150 | 9610K18 |
| D3619-3 | 3 | BRASS GROMMET W/ TEETH | 7/16 | 0.230 | 9610K19 |
| D3619-4 | 4 | BRASS GROMMET W/ TEETH | 1/2 | 0.300 | 9610K21 |

NOTES:

1) PURCHASE INFO: MCMASTER-CARR P/N'S INCLUDE THE FOLLOWING:

48 GROMMETS FOR SIZE 0 & 1,
24 GROMMETS FOR SIZE 2, 3 & 4,
D3619-XT1 HOLE PUNCH,
D3619-XT2 STRIKER BLOCK,
D3619-XT3 PUNCH AND
D3619-XT4 DIE

2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

3) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

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Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO19750

Purchase Order Date 5/01/13

PO Print Date 5/01/13

Page Number 1 of 2

Order From :

VU-MCM001

MCMASTER-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

| | | | |
|--------------------|--------------|-----------------|---------------------|
| Contact Name | | Buyer | Chantal Lavoie |
| Vendor Phone | 330 995 5500 | Requisition Nbr | |
| Vendor Fax | 330 995 9600 | Tax Resale Nbr | 10127-2607 |
| Vendor Account Nbr | | Terms | Net 10 |
| | | Currency | USD |
| | | FOB | Destination-Collect |

Ship To : DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAXED
613 632 1053

| Line Nbr | Reference Revision ID Vendor Part Number | Description/ Mfg ID | Req Date/ Taxable | Req Qty/ Unit of Measure | Ship Method | Unit Price | Extended Price |
|------------------|--|---|------------------------------------|-----------------------------|------------------|------------|-------------------|
| 1 | 9610K18 | GROMMET | 5/03/13 Yes | 10.00 Each | FedEx PI collect | \$13.3100 | \$133.10 ✓ |
| | | Special Inst: | AS PER DWG D3619 REV. A B101121 | | | | |
| 2 | | 94675A069 10-32 NOSE PCS ASSEMBLY KIT | 5/03/13 Yes | 2.00 Each | FedEx PI collect | \$99.7400 | \$199.48 ✓ |
| Deliver To: GARY | | | | | | | |
| 3 | | 94675A071 1/4-20 NOSE PCS ASSEMBLY KIT | 5/03/13 Yes | 2.00 Each | FedEx PI collect | \$99.7400 | \$199.48 ✓ |
| Deliver To: GARY | | | | | | | |
| 4 | | 8812K33 PRESSURE GAUGE | 5/03/13 Yes | 1.00 Each | FedEx PI collect | \$31.6700 | \$31.67 ✓ |

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required - YES NO

Change Nbr: 2

Change Date: 5/01/13



200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada
Attention: Gary
Luc

Purchase Order
PO19750

Page 1 of 2

Order Placed By
Chantal Lavoie

05/01/2013

McMaster-Carr Number
2528817-01

| Line | Description | Ordered | Shipped |
|------|---|------------|---------|
| 1 | 9610K18 Military Specification Grommet Kit, with Teeth Washer, Trade Size 2, 3/8" ID, 24 Grommets | 10 Each | 10 |
| | Unit Price: \$13.31 | | |
| | Extended Price: \$133.10 | | |
| 2 | 94675A069 10-32 Nose Assembly Kit for, Air Power-Driven Rivet Nut Installation Tool | 2 Each | 2 |
| | Unit Price: \$99.74 | | |
| | Extended Price: \$199.48 | | |
| 3 | 94675A071 1/4"-20 Nose Assembly Kit for, Air Power-Driven Rivet Nut Installation Tool | 2 Each | 2 |
| | Unit Price: \$99.74 | | |
| | Extended Price: \$199.48 | | |
| 4 | 8812K33 Air Regulator with Built-in Pressure Gauge, 3/8 Pipe Size, 53 Max SCFM, 7 to 123 PSI Range | 1 Each | 1 |
| | Unit Price: \$31.67 | | |
| | Extended Price: \$31.67 | | |

LNS **A1**

1 - 312 - 04 **01 - 02** K18 10 EA

2 - 138

2 - 138

3 - 457

Dart Aerospace Ltd

EXP
INV
NAFT.



7 lb
4 line

Sm
12x7x5

FWIUSP10
05/01/2013
14:15/14:52
143
Cycle 50

1140733586082

